

Purchase Order Receipt Listing

Wednesday, November 23, 2016 10:00:38 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO34388 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO34388	1	No	M174R0.750	f	11/24/2016	11/23/2016	28.4000	\$5.38	0.0000	0	\$152.83
CAD	No		17-4 round bar .750	f	28.4000	PLOU01		\$152.83	0.0000	0	
			m136200								
	2	No	M303R0.500	f	11/24/2016	11/23/2016	24.0000	\$1.80	0.0000	0	\$43.31
			303 Round Bar 0.500"	f	24.0000	PLOU01		\$43.31	0.0000	0	
			m136200								
	3	No	M304R0.375	f	11/24/2016	11/23/2016	24.0000	\$1.62	0.0000	0	\$38.78
			304 ROUND BAR	f	24.0000	PLOU01		\$38.78	0.0000	0	
			0.375								
			m136200								
	4	No	M304R0.750	f	11/24/2016	11/23/2016	24.0000	\$2.91	0.0000	0	\$69.80
			304 SS Roundbar .750	f	24.0000	PLOU01		\$69.80	0.0000	0	
			m136200								
	5	No	M6061T6B0.750X03.	f	11/24/2016	11/23/2016	12.0000	\$5.15	0.0000	0	\$61.74
			000								
			6061-T6 Bar .750 x	f	12.0000	PLOU01		\$61.74	0.0000	0	
			3.00								
			m136200								
	6	No	M6061T6B1.000X02.	f	11/24/2016	11/23/2016	24.0000	\$5.32	0.0000	0	\$127.78
			000								
			6061-T6 Bar 1.00 x	f	24.0000	PLOU01		\$127.78	0.0000	0	
			2.00								
			m136200								
	7	No	M6061T6B2.000X05.	f	11/24/2016	11/23/2016	12.0000	\$20.15	0.0000	0	\$241.83
			000								
			6061T6 Bar 2.00 x	f	12.0000	PLOU01		\$241.83	0.0000	0	
			5.000								
			m136200								
	8	No	M6061T6R1.500	f	11/24/2016	11/23/2016	12.0000	\$5.25	0.0000	0	\$63.01
			6061-T6 Round Bar	f	12.0000	PLOU01		\$63.01	0.0000	0	
			1.50								
			m136200								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO34388	✓ 10	VC-COP001	Thyssenkrupp Materials CA Ltd		11/24/2016	11/23/2016	48.0000	\$3.25	0.0000	0	\$155.85
CAD	No		M2024T3S.040 2024-T3 .040 sheet m136200	sf sf	48.0000	PLOU01		\$155.85	0.0000	0	
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											
											208.4000
											0.0000
											0.0000
											\$954.94
											0.0000

1672

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 18918
Ship Date 21Nov16 at 12:19 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

8,315 LBS

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-990029- 1 Your PO # 34363
STAINLESS STEEL ROUND BAR 17-4 STAINLESS
.750" DIA X 170.0000"

Heat Number
800644

Tag No
591911

Quantity
28 ' 4.0000 "

PCS
2

Wt LBS
41

MTR

2) Our Order PEC-990029- 2 Your PO # 34363
STAINLESS STEEL ROUND BAR 303 STAINLESS
.50" DIA X 144.0000"

Heat Number
020B

Tag No
591912

Quantity
24 FT

PCS
2

Wt LBS
17

MTR

3) Our Order PEC-990029- 3 Your PO # 34363
STAINLESS STEEL ROUND BAR 304L
.375" DIA X 144.0000"

Heat Number
166V

Tag No
591913

Quantity
24 FT

PCS
2

Wt LBS
10

MTR

4) Our Order PEC-990029- 4 Your PO # 34363
STAINLESS STEEL ROUND BAR 304L
.750" DIA X 144.0000"

Heat Number
126A

Tag No
591914

Quantity
24 FT

PCS
2

Wt LBS
37

MTR

5) Our Order PEC-990029- 5 Your PO # 34363
ALUMINUM FLAT BAR 6061-T6511
.750" x 3.00" X 144.0000"

Heat Number
201617213

Tag No
591915

Quantity
12 FT

PCS
1

Wt LBS
32

MTR

Page: 1Continued

NOV 23 2016

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

DAS
26
9-89

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 18918
 Ship Date 21Nov16 at 12:19 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-990029- 6 Your PO # 34363

ALUMINUM FLAT BAR 6061-T6511
 1.00" x 2.00" X 144.0000"

Heat Number
 201616927

Tag No
 591916

Quantity
 24 FT

PCS
 2

Wt LBS
 58

MTR

7) Our Order PEC-990029- 7 Your PO # 34363

ALUMINUM FLAT BAR 6061-T6511
 2.00" x 5.00" X 144.0000"

Heat Number
 201616359

Tag No
 591917

Quantity
 12 FT

PCS
 1

Wt LBS
 142

MTR

8) Our Order PEC-990029- 8 Your PO # 34363

ALUMINUM ROUND BAR 6061-T6511
 1.50" DIA X 144.0000"

Heat Number
 201613863

Tag No
 591918

Quantity
 12 FT

PCS
 1

Wt LBS
 25

MTR

TOTAL:

Tags
 8

PCS
 13

LBS
 362

Heat Number

*** Chemical Analysis ***

020B

126A

166V

201613863

201616359

201616927

201617213

800644

NOV 23 2016

DAS
 26
 9-89

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR

Page: 2Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

No: PEC 18918

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 21Nov16 at 12:19 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL GW. 365 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

NOV 23 2016

NOV 23 2016

Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 19126
 Ship Date 22Nov16 at 13:50 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-990123- 1 Your PO # 34363

ALUMINUM SHEET 2024 -T3

.0400 Nom X 48.0000" X 144.0000"

Heat Number

189690B1

Tag No

592427

Quantity

48.00 SFT

PCS

1

Wt LBS

28

Tags

1

PCS

1

LBS

28

TOTAL:

ADD ON TO 990029 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 CUSH GW. 55 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1Continued

ALUMINIUM • ÉLITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 19126
 Ship Date 22Nov16 at 13:50 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

THYSSENKRUPP MATERIALS NA

P/O/Rel

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Attn:

Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Chert, KY 41045-9615
(502) 347-6000

Certificate: 221589 1 Mail To:
Customer: 007206 001 THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

SHIP TO:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 9/26/2016 Page: 1
Sheet: 303

Your Order: PEC277985

NAS Order: IN 0237163 01

Corrosion:
Finish: CD

PRODUCT DESCRIPTION:

Round Bar (Annealed, Cold Draw)
UNS 30300 (ASTM A592/12 EN 10204 3.1, ASTM A484/15)
AMS 5640V (TYPE 1, QOS-764B CONDITION A)
SOLUTION ANNEAL-TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7009 RU DIRECTIVE
2011/65/EU, ROHS, EAF+MOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW RELATING ALLOY CONTAMINATION

89-6
84 DAS
16/11/24

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
B10270 6			.5000	1.130	144.00	1	1	
CHEMICAL ANALYSIS								
			CM(Country of Met) ES(Span) US(United States) ZA(South Africa) JP(Japan)					
			Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 123323					
			Chemical Analysis per ASTM A751/14a					
020B	CM	C %	CO %	CR %	CU %	NI %	NI %	P %
	US	.0391	.1180	17.0795	.3080	1.9090	.2775	.0424
								8.5355
								.0270
	S %	SI %						
		.3170	.6525					

MECHANICAL PROPERTIES

Product Id	1 d o f f	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
B10270 6		RL	192.0	85.30	106.43	31.44
						24.10

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

11/15/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

.750" DIA X 170.0000"

PART NO:

PO/Rel 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-01S918-001

21Nov16

Signed by:

Pg 1/1

AMBICA

43
Y 43 6
11/16/16
11/16/16
11/16/16
11/16/16

INSPECTION CERTIFICATE

Certificate Type : EN 10204 / 3.1

Our Sales Order No.	100308	Invoice No.	1516110470	Certificate No.	1516-0006043
Customer Order No.	PEC-269804	Invoice Date	09.01.2016	Date	09.01.2016

Customer
Thyssenkrupp Materials Na
2821 Langstaff Rd.
Concord, Ontario L4K 5C8
Ontario L4K 5C8
Canada

Trade Mark

ASSL

Inspector's Mark

ASS1

Material Details	Stainless Steel Round Bar Centerless Ground & Polished		Solution Annealed		
Steel Grade	17-4ph	Shape	Round	Size	0.7500 inch
Heat No.	550644	Tolerance	A-484 (CF)	Length of Bars	144-165 inch
Net Weight	974.61 LBS	Number of Bars	46	Making Process	EF / ADD / MEWS
Bundle Nos	AH-1858				
Requirements	AMS 5643T:2013	ASTM A 564:2013	NACE MR 0175 / ISO 15156:2009		

Chemical Analysis %

	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Nb								
Min.						15.000		3.000	3.000	0.150								
Max.	0.070	1.000	1.000	0.040	0.030	17.500	0.500	5.000	5.000	0.450								
Metl	0.042	0.300	0.730	0.038	0.025	15.670	0.312	4.100	3.190	0.242								

Mechanical Properties

	YS(R _p 0.2%) (N/mm2)	UTS (N/mm2)	% Elongation	% Reduction Area	Hardness (BHN)	Charpy impact V Notch (Longitudinal) (Joules)				
	ASTM A 370:2014	ASTM A 370:2014	ASTM A 370:2014	ASTM A 370:2014	ASTM A 370:2014	Temp. Deg (C)	Result			
Min.							1	2	3	Avg.
Max.										
Results	998.630	1102.350	15.100	52.200	326.000					

Heat Treatment:

Solution Annealed @ 1900°F. Soaking for 1hr-20mins & Oil Quenching to below 90°F.

DAS
14
9-89

16/11/26

Remarks :

- * Country Of Origin Of Goods - India
- * Free from Radioactivity - verified through Gamma Ray Spectrometer
- * No Mercury Contamination
- * No welding has been performed on the material
- * Visual & Dimensional Inspection - OK
- * Material Identification tested through X-ray based portable Spectrometer
- * RoHS Compliance
- * H-300 Capability test report
- * YS = 1198.60 N/mm²
- * UTS = 1398.00 N/mm²

- * EL % = 15.10
- * RA % = 51.10
- * Hardness = 416 BHN

[Signature]

QA Head / NDT Inspector

We confirm that the material is manufactured & supplied in accordance to the Purchase Order

Ambica Stainless Steel Limited

A-1/1, Wazirpur Industrial Area, New Delhi 110052 India Tel.: +91(120)4564555-88 Email: info@assl.co.in Web: www.ambicaststainless.com CIN: U27105DL2004PLC131284

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 304L
375" DIA X 144.0000"
PART NO.

PO/Ref 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

[Signature]

Certificate of Mill Test Results

BL PEC-018918-003

21 Nov 16
Pg 1/1

NAS North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 232694 3
Customer: 007206 001
Mail To: THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To: THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 10/28/2016 Page: 1
Steel: 304/304L
Finish: CD
Corrosion: ASTM A262-10 Prac A/E OK

Your Order: PEC278104

NAS Order: PN 0072161 02

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS J9400/30403 EN 10204 3.1, ASTM A484/15
ASTM A276/15, ASTM A479/15, ASTM A182/13 CHEM ONLY,
ASTM A276/13, ASTM A479/13, ASTM A182/10 CHEM ONLY,
ASTM A276/13, ASTM A479/13, ASTM A182/10 CHEM ONLY,
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/06 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AD+CC. NO WEID REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89
1611/27

Product ID	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI2910 1		.3750		990	144.00	13	1	

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
166V	US	.0157	.1425	18.1035	.4625	1.3445	.3135	.0710	8.5005	.0305

S % SI %
.0270 .2695

MECHANICAL PROPERTIES

Product ID	1 d 0 1 g r	HB	No.	.2YS KSI	UTS KSI	RA %	Elng % 2"
BI2910 1	R L	206.0		81.73	106.42	71.29	39.45

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items of the test methods used, the material has been produced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

10/28/2016

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
STAINLESS STEEL ROUND BAR 304L
750" DIA X 144.0000"

P.O./Ref 34363
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

[Signature]

Certificate of Mill Test Results

BL PEC-018918-004

21 Nov 16
Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 230224 9 Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6
Customer: 007206 001

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 10/20/2016 Page: 1

Steel: 304/304L

Finish: CD

Corrosion: ASTM A262-10 Prac A/E OK

Your Order: PEC378555

NAS Order: IN 0238340 01

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/15
ASTM A276/15, ASTM A479/15, ASTM A182/13 CHEM ONLY,
ASTM A479/13, ASTM A182/10 CHEM ONLY
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASTM A193/10 CL 1 GR B8

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 ED DIRECTIVE
2011/65/EU, ROHS, EAF+AOD+CC, NO WELD REPAIR, MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS
14
9-89 1611/27

Product Id	Std #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI2262 3		7500		1.192	144.00	1	1	

CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZK(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis Per ASTM A751/14a

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
126R	US	.0260	.2080	18.1190	.4170	1.4235	.3330	.0758	8.5080	.0285

S %	SI %
.0240	.2365

MECHANICAL PROPERTIES

Product Id	1 d o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elng % 4D
BI2262 3	RL	198.0	73.10	97.97	71.64	57.52

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy
of the test methods used, the material meets the specifications stated. These results relate only to the items
tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

[Signature]
KRIS LARK

10/20/2016

THYSSENKRUPP MATERIALS NA

ALUMINUM EXTRUDED BAR 6061-T6511
750" X 3.00" X 144.0000"
PART NO.

P.O./Ref 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-018918-005

21 Nov 16
Pg 1/1

Certificate of Mill Test Results



Can Do.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
272639	17

BILL TO

ThyssenKrupp Materials NA-Concord, ON
SHIP TO

ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 4,105 lbs 128 pcs

MANIFEST NUMBER

310815

CUSTOMER PO

PEC-277638

CUSTOMER PART NUMBER

MRB1979

DIE NUMBER

MRB1979

DATE OF SHIPMENT

10/13/2016

ALLOY/TEMPER

6061-T6511

SALESPERSON

D.Schroeder (Canada)

DESCRIPTION

MORB 750X3.000

CERTIFICATION

ASTM-B221-14 StencilCont

SPECIFICATION

AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests Lot No.

Test Date

Ultimate Tensile Strength (KSI)

Yield Strength (KSI)

Percent Elongation

4 201616725

9/26/16

min 54.00 max 55.00

min 50.70 max 52.30

min 14.15 max 15.55

3 201617213

10/7/16

min 45.10 max 49.20

min 41.20 max 45.50

min 14.50 max 18.10

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
09271603	201617213	6061	0.74	0.35	0.32	0.10	0.91	0.08	0.06	0.02	97.42	0.05	0.15		United States of America
09301604	201617213	6061	0.72	0.37	0.31	0.11	0.86	0.08	0.06	0.02	97.47	0.05	0.15		United States of America
1M160905B	201616725	6061	0.76	0.38	0.32	0.09	0.88	0.09	0.04	0.03	97.42	0.05	0.15		United States of America

SCM products are melted and extruded in the USA

Print Date: 10/13/2016

THYSSENKRUPP MATERIALS NA

ALUMINUM PLATE BAR 6061-T6511
1.00" x 2.00" x 144.0000"
PART NO.

PO/Rel 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-018918-006
21 Nov 16
Pg 1/1



Can Do.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
272627	7

Bill To ThyssenKrupp Materials NA-Concord, ON
Ship To ThyssenKrupp Materials NA-Concord, ON
Quantity Certified 6,852 lbs 240 pcs
Manifest Number 309520
Customer PO PEC-277634
Customer Part Number MRB0477
Die Number MRB0477
Alloy/Temp 6061-T6511
Description MQRB 1.000x2.000
Date of Shipment 10/4/2016
Salesperson D. Schroeder (Canada)
Certification ASTM-B221-14 StencilCont
Specification AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.
This product is RoHS-2, REACH, and DEARS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
15	201616927	10/3/16	min 49.40 max 56.60	min 45.90 max 53.40	min 12.45 max 17.50

DAS
14
9-89
11/11/27

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Total	Melt Source:
09101601	201616927	6061	0.75	0.35	0.32	0.10	0.91	0.08	0.06	0.02	97.41	0.05	0.15	United States of America
09221602	201616927	6061	0.74	0.40	0.30	0.09	0.87	0.10	0.08	0.02	97.40	0.05	0.15	United States of America
09271603	201616927	6061	0.74	0.35	0.32	0.10	0.91	0.08	0.06	0.02	97.42	0.05	0.15	United States of America
1K160925C	201616927	6061	0.75	0.37	0.32	0.10	0.88	0.10	0.04	0.02	97.42	0.05	0.15	United States of America
1M160925C	201616927	6061	0.75	0.37	0.32	0.10	0.88	0.10	0.04	0.02	97.42	0.05	0.15	United States of America
1M160926C	201616927	6061	0.76	0.37	0.32	0.10	0.89	0.10	0.04	0.03	97.40	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Print Date: 10/4/2016

THYSSENKRUPP MATERIALS NA

DART-AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
2.00" x 5.00" x 144.0000"
PART NO.

PO/Ref: 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-018918-007
21 Nov 16
Pg 1/1



Can Do.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
273714	2

BILL TO

ThyssenKrupp Materials NA-Concord, ON

MANIFEST NUMBER
309103

DIE NUMBER
MRB0855

DATE OF SHIPMENT
9/29/2016

CERTIFICATION
ASTM-B221-14 StencilCont

SHIP TO
ThyssenKrupp Materials NA-Concord, ON

Quantity Certified 1,710 lbs 12 pcs

CUSTOMER PO
PEC-277960

SALES PERSON
D. Schroeder (Canada)

DESCRIPTION
MORB 2.000x5.000

SPECIFICATION
AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests Lot No.

1 201616359

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
9/22/16	min 48.70 max 48.70	min 44.70 max 44.70	min 15.90 max 15.90

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Each	Total	Melt Source
1K160813Y	201616359	6061	0.75	0.43	0.32	0.10	0.89	0.11	0.03	0.02	97.35		0.05	0.15	United States of America

DAS
14
9-89
16/11/27

SCM products are melted and extruded in the USA

Print Date: 9/29/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
1.50" DIA X 144.0000"
PART NO.

PO/Rel 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-018918-008

21 Nov 16
Pg 1/2

Certificate of Mill Test Results

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Service Center Metals
5850 Quality Way
Prince George, VA 23875



OUR ORDER NUMBER	ITEM
272304	6

BILL TO
ThyssenKrupp Materials NA-Concord, ON
SHIP TO
ThyssenKrupp Materials NA-Concord, ON

MANIFEST NUMBER
309171

DATE OF SHIPMENT
9/30/2016

CUSTOMER PO
PEC-277559

ALLOTMENT
6061-T6511

SALES PERSON
D. Schroeder (Canada)

CERTIFICATION
ASTM-B221-14 StencilCont

Quantity Certified 2.569 lbs 103 pcs

DESCRIPTION
Lightning Rod Title 1.500 + .005/- .004

SPECIFICATION
AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material and the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests **Lot No.**

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
8	201608964	5/20/16	min 48.40 max 51.10	min 45.60 max 48.40	min 16.55 max 19.75
13	201613863	8/17/16	48.80 50.90	45.70 48.00	12.45 17.20
12	201614864	8/28/16	48.00 51.00	44.40 48.20	15.40 19.70

DAS
14
9-89
161127

SCM products are melted and extruded in the USA

Print Date: 9/30/2016

Calvin L. Wiggins, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6S11
1.50" DIA X 144.0000"
PART NO.

PO/Rel 34363

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-018918-008

21 Nov 16
Pg 2/2



Can Do.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



Signed by:

OUR ORDER NUMBER	ITEM
272304	6

BILL TO ThyssenKrupp Materials NA-Concord, ON	MANIFEST NUMBER 309171	DATE OF SHIPMENT 9/30/2016	CERTIFICATION ASTM-B221-14 Stencil Cont
SHIP TO ThyssenKrupp Materials NA-Concord, ON	CUSTOMER PO PEC-277559	ALLOY / TEMPER 6061-T6S11	SPECIFICATION AMS-QQA-200/8 Rev-A
Quantity Certified 2,569 lbs	CUSTOMER PART NUMBER RD0010	DESCRIPTION Lightning Rod Title 1.500 + .005/- .004	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material meet the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6S11 also meet the requirements of 6061-T6.
This product is RoHS-2, REACH, and DfARS compliant.

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source
08061602	201613863	6061	0.76	0.36	0.31	0.11	0.90	0.16	0.07	0.03	97.30	0.05	0.15		United States of America
08091605	201613863	6061	0.72	0.35	0.32	0.11	0.85	0.09	0.07	0.02	97.47	0.05	0.15		United States of America
08221604	201614825	6061	0.75	0.35	0.30	0.09	0.86	0.09	0.06	0.02	97.48	0.05	0.15		United States of America
1K160517B	201608964	6061	0.76	0.38	0.33	0.10	0.87	0.10	0.05	0.02	97.39	0.05	0.15		United States of America
1M160517B	201608964	6061	0.76	0.38	0.33	0.10	0.87	0.10	0.05	0.02	97.39	0.05	0.15		United States of America
1M160517C	201608964	6061	0.74	0.37	0.32	0.10	0.88	0.10	0.04	0.02	97.44	0.05	0.15		United States of America
1M160527C	201613863	6061	0.75	0.38	0.32	0.10	0.88	0.09	0.03	0.02	97.43	0.05	0.15		United States of America

SCM products are melted and extruded in the USA

Print Date: 9/30/2016

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 9/8/16

SHIP TO:

BRALCO METALS INC (CAA)
15090 NORTHAM STREET
LA MIRADA, CA 90638

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number

4433297

SOLD TO:

BRALCO METALS INC (CAA)
15090 NORTHAM STREET
LA MIRADA, CA 90638

CUSTOMER PO NUMBER: 43-133494-2	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 103686/22	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1220716-2	SHIP DATE: 16-SEP-2016	ALLOY: 2024	CLAD: BARE	TEMPER: T3
WEIGHT SHIPPED: 2578 LB	QUANTITY: 1 PCS EST.	TRUCK B/L #: 2062484	GAUGE: 0.0400 IN (1.0160 MM)	DIAMETER/WIDTH: 48.000 IN (1219.2 MM)
				PRODUCT DESCRIPTION: HT Coil
				LENGTH: COIL

MHU 2041441: LOT 189690B1: 1 pieces;

Certified Specifications

AMS 4037/RevQ
CMMP 019/RevD

AMS-QQ-A-250/4/RevB
CMMP 025/RevV

ASTM B 209/Rev14

Test Code: 1504

Lot: 189690B1

Cast 273

Drop 13

Test Results

Ingot 1

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	68.1 : 68.2 (470 : 470)	46.2 : 46.4 (319 : 320)	17.0 : 18.0

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.20	4.6	0.57	1.3	0.01	0.11	0.02	0.01	0.00	TOT 0.05

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

DAS 48 9-89 16/11/24

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4433297

TEST NOTES

Certified that, unless otherwise stated above, the whole of the above-mentioned materials have been manufactured, tested, and inspected in accordance with BAE SYSTEMS requirements for manufacturers detailed in

MAS/30152/RP/12022007/1.

Kaiser Aluminum's BAE SYSTEMS Approval Number is:

BAE/AG/30152/CSS.

Sold to: COPPER & BRASS SALES

P.O. 5400320411-F01

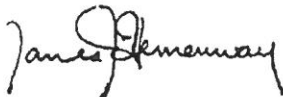
Part:

Order No.: 922155 TR.

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
 - All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
 - * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
 - * has been thermally processed in compliance with AMS 2772, where applicable.
 - * is mercury free, within the limits of detection of ASTM E1215 (< 1 ppm).
 - * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
 - * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
 - * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
 - * is free of weld repair.
 - * meets the reporting requirements of EN10204, Type 3.1.
- Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35.040
DATE: 11/11/24

PO / BATCH NO.: PO 34388 / 136200

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 48 st
QUANTITY INSPECTED: 48 st
QUANTITY REJECTED: 0

THICKNESS ORDERED: .040
THICKNESS RECEIVED: .039
SHEET SIZE ORDERED: 4x12
SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	2024 T3
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	.039
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	AMS-QQ-A-250/4
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	Heat # 189690B1
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	M2024T35.040
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	M 136200
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>11/11/24</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R0.500
 DATE: 11/11/24

PO / BATCH NO.: P034388 / 136200

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .496
 SHEET SIZE ORDERED: 0
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	303
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	.496
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	ASTM A582
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	Heat # 020B
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	M303R0.500
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	136200
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 48</u> DATE: <u>11/11/24</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M174 R.750
 DATE: 11/11/26

PO / BATCH NO.: 34388/136200

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 27'6"
 QUANTITY INSPECTED: 27'6"
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .750
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	174
CORRECT THICKNESS	(Y)	N	.750
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	AMS 5643
CORRECT REF # TO LINK CERT	(Y)	N	HEAT # 800644
CORRECT MATERIAL IDENTIFICATION	(Y)	N	M174 R.750
CORRECT M# ON THE MATERIAL	(Y)	N	M136200
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-80</u> DATE: <u>11/11/26</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304 R.375
 DATE: 11/11/27

PO / BATCH NO.: 34388/136200

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .375
 THICKNESS RECEIVED: .375
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	304
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	.375
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	ASTM 276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	HEAT # 166V
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	M304 RD.375
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	4136200
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-88</u> DATE: <u>11/11/27</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R0.750
 DATE: 16/11/27

PO / BATCH NO.: 34388/136200

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: .750
 THICKNESS RECEIVED: .750
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	304
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	.750
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	ASTM 276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	HEAT# 126A
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	M304R0.750
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	M136200
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> <small>9-89</small> DATE: <u>16/11/27</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B0.750X3.000

PO / BATCH NO.: 34388/136200

DATE: 16/11/27

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .750

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .750

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	<u>.750</u>
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	<u>HEAT # 201617213</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	<u>M6061T6 B0.750X3.000</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	<u>M136200</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u> DATE: <u>16/11/27</u>	ENGINEERING SIGNOFF (if required) SIGNED OFF BY: _____ DATE: _____
--	---

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6 B1.00x2.00

PO / BATCH NO.: 34388/136200

DATE: 11/11/27

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.00

QUANTITY RECEIVED: 24'

THICKNESS RECEIVED: 1.00

QUANTITY INSPECTED: 24'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>606IT6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	<u>1.00</u>
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	<u>HEAT# 201616927</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	<u>M606IT6 B1.00x2.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	<u>M136200</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-88</u>	SIGNED OFF BY: _____	
DATE: <u>11/11/27</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606ITL B2.00X5.00

PO / BATCH NO.: 34388/136200

DATE: 11/11/27

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 2.00

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 2.00

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	<u>606ITL</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	<u>2.00</u>
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	<u>AMS-QQ-A-2008</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>HEAT# 201616359</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	<u>M606ITL B2.00X5.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	<u>M136200</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>		SIGNED OFF BY: _____	
DATE: <u>11/11/27</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606/IT6 R1.500

PO / BATCH NO.: 34388/136200

DATE: 16/11/27

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.500

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 1.500

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>1.500</u>
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>AMS-QQ-A-200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>HEAT # 201613863</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>M606/IT6 R1.500</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>H136200</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
<p>INSPECTED BY: <u>DAS</u></p> <p> <u>14</u></p> <p> <u>9-89</u></p> <p>DATE: <u>16/11/27</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34388**

Purchase Order Date 11/21/2016

PO Print Date 11/21/2016

Page Number 1 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

TO VC -

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	11/24/2016 Yes 11/24/2016	28.40 f	\$7.22	\$204.95

17-4PH/S17400/TYPE 630 SS ROUND BAR PER AMS 5643/ASTM A564
GRAIN MUST BE ALONG LENGTH OF BAR. MINIMUM YIELD TENSILE STRENGTH = 100KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 150 KSI

Line Total: \$204.95

2	M303R0.500	303 Round Bar 0.500"	11/24/2016 Yes 11/24/2016	24.00 f	\$2.42	\$58.08
---	------------	----------------------	---------------------------------	------------	--------	---------

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

NOV 23 2016

DAS
26
9-89

Line Total: \$58.08

PO Instructions: QUOTATION: NO PEC ST-988947, ref: po34363/po34388

Note:

11/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34388**

Purchase Order Date 11/21/2016

PO Print Date 11/21/2016

Page Number 2 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M304R0.375	304 ROUND BAR 0.375	11/24/2016	24.00	\$2.17	\$52.00
			Yes	f		
			11/24/2016			

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$52.00

4	M304R0.750	304 SS Roundbar .750	11/24/2016	24.00	\$3.90	\$93.60
			Yes	f		
			11/24/2016			

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$93.60

5	M6061T6B0.750X03.000	6061-T6 Bar .750 x 3.00	11/24/2016	12.00	\$6.90	\$82.80
			Yes	f		
			11/24/2016			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: QUOTATION: NO PEC ST-988947, ref: po34363/po34388

Note:

DAS
26
9-89

NOV 23 2016

11/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34388**

Purchase Order Date 11/21/2016

PO Print Date 11/21/2016

Page Number 3 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

				Line Total:	\$82.80
6	M6061T6B1.000X02.000	6061-T6 Bar 1.00 x 2.00	11/24/2016 Yes 11/24/2016	24.00 f	\$7.14 \$171.36

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

				Line Total:	\$171.36
7	M6061T6B2.000X05.000	6061T6 Bar 2.00 x 5.000	11/24/2016 Yes 11/24/2016	12.00 f	\$27.03 \$324.30

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOV 23 2016

DAS
26
9-89

Line Total: \$324.30

PO Instructions: QUOTATION: NO PEC ST-988947, ref: po34363/po34388

Note:

11/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34388

Purchase Order Date 11/21/2016

PO Print Date 11/21/2016

Page Number 4 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

8	M6061T6R1.500	6061-T6 Round Bar 1.50	11/24/2016	12.00	\$7.04	\$84.50
			Yes	f		
			11/24/2016			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

DAS
26
9-89

NOV 23 2016

Line Total: \$84.50

9	M7075T6B1.500X1.500	7075 T6 BAR 1.500 x 1.500	11/24/2016	24.00	\$21.80	\$523.25
			Yes	f		
			11/24/2016			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$523.25

10	M2024T3S.040	2024-T3 .040 sheet	11/24/2016	48.00	\$4.35	\$209.00
			Yes	sf		
			11/24/2016			

MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

DAS
26
9-89

NOV 23 2016

PO Instructions: QUOTATION: NO PEC ST-988947, ref: po34363/po34388

Note:

11/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34388**

Purchase Order Date 11/21/2016

PO Print Date 11/21/2016

Page Number 5 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

Line Total: \$209.00

11	71401-45	procurement quality clauses	11/24/2016	1.00	\$0.00	\$0.00
----	----------	-----------------------------	------------	------	--------	--------

No

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

11/24/2016

Line Total: \$0.00

PO Total: \$1,803.84

PO Instructions: QUOTATION: NO PEC ST-988947, ref: po34363/po34388

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 11/21/2016